

## Railroads

**Location:**     infrastructure\railroads

### Description

This layer consists of the centerline of railways in Bay County. The layer consists of arc features only.

### Source

Camp Dresser & McKee Inc. (GIS consultant for Bay County) was contracted in 1995 by Bay County to provide aerial photography and develop a base map from the photos for all of Bay County. Camp Dresser & McKee Inc. (CDM), in turn, contracted with Aerial Cartographics of America to perform the aerial photography and base map creation. Black and white (1"=3000' scale) aerial photography was obtained during the 1995 spring flying season. The aerial photography had an average of 60% forward overlap consisting of approximately eleven flight lines flown north to south. Stereo photographic coverage was obtained for the entire county. The aerial photography was obtained under the direct supervision of a photogrammetrist certified by the American Society of Photogrammetry and Remote Sensing. A set of 9' x 9" photographic prints and diapositives were produced for map production purposes. Twelve GPS horizontal ground control points within the county were obtained; the control point locations are photo identifiable points accessible using a two wheel drive vehicle. The horizontal GPS ground control points were established to an accuracy of second order class II control. All survey work was performed under the direct supervision of a Land Surveyor licensed in the State of Florida.

Approximately 140 stereo photographic models were used to create the base map features. The base map compilation consisted of centerline of roadways, centerline of railways, edge of standing water bodies, rivers, streams and major transmission lines. CDM guaranteed the photogrammetric GIS base map shall be on the NAD 83 datum with 90% of the well defined planimetric features located within 5 feet of their true horizontal location and the remaining 10% not in error of more than 10 feet.

The final base map digital files were edited and delivered to Bay County in AutoCAD release 12 DWG file format on September 1996 (on CD-ROM). The AutoCAD .dwg files were converted to ESRI coverages on February 1998 using ArcCAD software.

In December 1999, Bay County GIS staff removed and snapped together some pseudonodes.

***This data is provided with the understanding that the conclusions drawn from such information are solely the responsibilities of the user. The GIS data is not a legal representation of the features depicted, and any assumption of the legal status of this data is hereby disclaimed. Errors or omissions should be reported to the Bay County GIS Division 850-784-6171.***

### Attribute Table Structure

Item Name	Width	Output	Type	Decimals
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No special attributes.